

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L1    | 0    | "6320325".pn. and subtract  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/28<br>16:21 |
| L2    | 1    | "20010055008"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/28<br>16:45 |
| L3    | 0    | "4760389".pn. and photodiode  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/28<br>17:21 |
| L4    | 0    | "4760389".pn. and diode   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/28<br>17:21 |
| L5    | 1    | "5838308".pn. and diode   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/28<br>17:27 |
| S1    | 370  | 345/207.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/24<br>13:07 |
| S2    | 4033 | 345/76-83.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/24<br>13:07 |
| S3    | 2740 | 315/169.3.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/24<br>13:08 |
| S4    | 3    | "6441560".pn. or<br>"6489631".pn. or<br>"20010035846"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/25<br>10:39 |
| S5    | 36   | ("5386543"  <br>"5640067"   "5684365"<br>  "5773844"  <br>"5838308"  <br>"6160272").PN. OR<br>("6489631").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/25<br>10:41 |
| S6    | 372  | 345/207.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/25<br>11:15 |
| S7    | 1    | S6 and (second or<br>other or additional)<br>(light sensor or photo<br>diode or<br>photosensitive)              | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2008/03/25<br>11:15 |

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| S8  | 4045 | 345/76-83.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>11:18 |
| S9  | 2742 | 315/169.3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>11:18 |
| S10 | 6    | (S8 or S9) and (second<br>or other or additional)<br>(light sensor or photo<br>diode or<br>photosensitive) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>11:18 |
| S11 | 38   | (S6 or S8 or S9) and<br>light shield   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>11:21 |
| S12 | 11   | (S6 or S8 or S9) and<br>(shield with (oled or<br>display element))   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>11:29 |
| S13 | 8    | (S6 or S8 or S9) and<br>(ambient light) and<br>(light shield)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>11:45 |
| S14 | 0    | (S6 or S8 or S9) and<br>(photocurrent)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>12:09 |
| S15 | 59   | (S6 or S8 or S9) and<br>(photocurrent)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>12:09 |
| S16 | 14   | ("4975691"  <br>"5973456"   "6057647"<br>  "6191764").PN. OR<br>("6441560").URPN.                          | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>12:14 |
| S17 | 2    | "6518962".pn. or<br>"6414661".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:03 |
| S18 | 372  | 345/207.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:18 |
| S19 | 4045 | 345/76-83.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:18 |
| S20 | 2742 | 315/169.3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:18 |
| S21 | 6280 | (S18 or S19 or S20)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:18 |

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| S22 | 7   | S21 and shield with (photo)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:18 |
| S23 | 750 | S21 and (photo or light detector)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:20 |
| S24 | 252 | S21 and (photo or light detector) and (blocked or shield or protect)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:20 |
| S25 | 0   | S21 and (second or additional or other) with (ambient sensor)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:38 |
| S26 | 108 | S21 and (second or additional or other) with (ambient)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:39 |
| S27 | 57  | ("3849979"   "4104627"   "4114366"   "4254408"   "4289383"   "4294524"   "4311996"   "4319237"   "4502761"   "4644338").PN. OR ("4760389").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:45 |
| S28 | 3   | "6,375,459".pn. or "5,760,760".pn. or "5,786,801".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>14:54 |
| S29 | 372 | 345/207.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>15:22 |
| S30 | 13  | S29 and pixel circuit  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>15:22 |
| S31 | 737 | (photo (sensor or diode)) with series  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>16:09 |
| S32 | 6   | ((photo (sensor or diode)) with series) and pixel circuit  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/25<br>16:10 |
| S33 | 1   | "5831693".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>11:22 |
| S34 | 3   | cok.in. and tang.in.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>11:29 |

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| S35 | 32   | ("4535341"  <br>"4769292"   "4782340"<br>  "5061569"  <br>"5093654"   "5153756"<br>  "5157525"  <br>"5216504"   "5371537"<br>  "5396257"  <br>"5406305"   "5776623"<br>  "5783909"  <br>"5831693"   "5850205"<br>  "5910792"  <br>"5917464"   "5929845"<br>  "6069676"  <br>"6075514"   "6078302"<br>  "6191764"  <br>"6208091"   "6271825"<br>  "6320325"  <br>"6362566"   "6392617"<br>  "6542138"  <br>"6720942").PN. OR<br>("7064733").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>11:30 |
| S36 | 57   | ("1662348"  <br>"2503574"   "3919546"<br>  "4587459"  <br>"5661645").PN. OR<br>("5783909").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>11:41 |
| S37 | 372  | 345/207.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:31 |
| S38 | 4045 | 345/76-83.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:31 |
| S39 | 2742 | 315/169.3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:31 |
| S40 | 6280 | (S37 or S38 or S39)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:31 |
| S41 | 54   | (US-20050104821-\$ or<br>US-20010035848-\$ or<br>US-20060290616-\$ or<br>US-20060038758-\$ or<br>US-20050007320-\$ or<br>US-20030231151-\$ or<br>US-20030020703-\$ or<br>US-20040017162-\$ or<br>US-20040095300-\$).<br>did. or (US-6933532-\$<br>or US-7288753-\$ or<br>US-5838308-\$ or US-<br>7158129-\$ or US-   | US-PGPUB;<br>USPAT           | ADJ | ON | 2008/03/26<br>16:32 |

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|     |        | 7106285-\$ or US<br>6738031-\$ or US<br>6489631-\$ or US<br>5483263-\$ or US<br>6215462-\$ or US<br>7166966-\$ or US<br>3786307-\$ or US<br>7348946-\$ or US<br>6441560-\$ or US<br>5973456-\$ or US<br>6653796-\$ or US<br>5838290-\$ or US<br>4683467-\$ or US<br>6518962-\$ or US<br>6414661-\$ or US<br>6542138-\$ or US<br>7280102-\$ or US<br>7248244-\$ or US<br>4760389-\$ or US<br>5747938-\$ or US<br>6529212-\$ or US<br>6411306-\$).did. or (US-<br>6809718-\$ or US<br>7068246-\$ or US<br>6819306-\$ or US<br>6337541-\$ or US<br>5157525-\$ or US<br>6888528-\$ or US<br>6690000-\$ or US<br>4812642-\$ or US<br>3700802-\$ or US<br>6243069-\$ or US<br>5831693-\$ or US<br>6320325-\$ or US<br>6392617-\$ or US<br>5783909-\$ or US<br>6720942-\$ or US<br>6870325-\$ or US<br>6236331-\$ or US<br>6689999-\$ or US<br>6441558-\$).did. |                              |     |    |                     |
| S42 | 325134 | shield   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:32 |
| S43 | 11     | S41 and shield   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:33 |
| S44 | 1      | "4760389".pn. and<br>"23"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/26<br>16:40 |

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| S45 | 19  | photo current with cancel                           | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>10:54 |
| S46 | 344 | photo transistor with series                        | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>10:58 |
| S47 | 7   | photo transistor with series and photo current      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>10:59 |
| S48 | 47  | photo diode with series and photo current           | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>11:00 |
| S49 | 1   | "4899212".pn.                                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>12:21 |
| S50 | 1   | "4899212".pn. and "40"                              | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>12:22 |
| S51 | 154 | (second or additional) (photo) with (series)        | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>12:51 |
| S52 | 0   | (second or additional) (photo sensor) with (series) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>12:51 |
| S53 | 9   | (second or additional) (light sensor) with (series) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>12:51 |
| S54 | 16  | second photo diode with series                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>12:53 |
| S55 | 1   | "6762741".pn.                                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>13:11 |
| S56 | 1   | "6762741".pn. and eyes                              | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/27<br>13:11 |

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| S57 | 60 | (US-20050104821-\$ or<br>US-20010035848-\$ or<br>US-20060290616-\$ or<br>US-20060038758-\$ or<br>US-20050007320-\$ or<br>US-20030231151-\$ or<br>US-20030020703-\$ or<br>US-20040017162-\$ or<br>US-20040095300-\$).<br>did. or (US-6933532-\$<br>or US-7288753-\$ or<br>US-5838308-\$ or US-<br>7158129-\$ or US-<br>7106285-\$ or US-<br>6738031-\$ or US-<br>6489631-\$ or US-<br>5483263-\$ or US-<br>6215462-\$ or US-<br>7166966-\$ or US-<br>3786307-\$ or US-<br>7348946-\$ or US-<br>6441560-\$ or US-<br>5973456-\$ or US-<br>6653796-\$ or US-<br>5838290-\$ or US-<br>4683467-\$ or US-<br>6518962-\$ or US-<br>6414661-\$ or US-<br>6542138-\$ or US-<br>7280102-\$ or US-<br>7248244-\$ or US-<br>4760389-\$ or US-<br>5747938-\$ or US-<br>6529212-\$ or US-<br>6411306-\$).did. or (US-<br>6809718-\$ or US-<br>7068246-\$ or US-<br>6819306-\$ or US-<br>6337541-\$ or US-<br>5157525-\$ or US-<br>6888528-\$ or US-<br>6690000-\$ or US-<br>4812642-\$ or US-<br>3700802-\$ or US-<br>6243069-\$ or US-<br>5831693-\$ or US-<br>6320325-\$ or US-<br>6392617-\$ or US-<br>5783909-\$ or US-<br>6720942-\$ or US-<br>6870325-\$ or US-<br>6236331-\$ or US-<br>6689999-\$ or US- | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/27<br>14:39 |
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|     |    | 6441558-\$ or US-4577189-\$ or US-5534735-\$ or US-4467191-\$ or US-RE39410-\$ or US-4899212-\$ or US-5389776-\$).did.  |                        |     |    |                  |
| S58 | 5  | S57 and (share with row)  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/27 14:39 |
| S59 | 1  | "6738031".pn. and substrate   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 12:34 |
| S60 | 1  | "6738031".pn. and transparent   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 12:45 |
| S61 | 1  | "6738031".pn. and transparent with (conductive)   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:20 |
| S62 | 60 | (US-20050104821-\$ or US-20010035848-\$ or US-20060290616-\$ or US-20060038758-\$ or US-20050007320-\$ or US-20030231151-\$ or US-20030020703-\$ or US-20040017162-\$ or US-20040095300-\$). did. or (US-6933532-\$ or US-7288753-\$ or US-5838308-\$ or US-7158129-\$ or US-7106285-\$ or US-6738031-\$ or US-6489631-\$ or US-5483263-\$ or US-6215462-\$ or US-7166966-\$ or US-3786307-\$ or US-7348946-\$ or US-6441560-\$ or US-5973456-\$ or US-6653796-\$ or US-5838290-\$ or US-4683467-\$ or US-6518962-\$ or US-6414661-\$ or US-6542138-\$ or US-7280102-\$ or US-7248244-\$ or US-4760389-\$ or US-5747938-\$ or US- | US-PGPUB; USPAT        | ADJ | ON | 2008/03/28 14:30 |



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|-----|---|---|------------------------|-----|----|------------------|
|     |   | 6529212-\$ or US-6411306-\$).did. or (US-6809718-\$ or US-7068246-\$ or US-6819306-\$ or US-6337541-\$ or US-5157525-\$ or US-6888528-\$ or US-6690000-\$ or US-4812642-\$ or US-3700802-\$ or US-6243069-\$ or US-5831693-\$ or US-6320325-\$ or US-6392617-\$ or US-5783909-\$ or US-6720942-\$ or US-6870325-\$ or US-6236331-\$ or US-6689999-\$ or US-6441558-\$ or US-4577189-\$ or US-5534735-\$ or US-4467191-\$ or US-RE39410-\$ or US-4899212-\$ or US-5389776-\$).did. |                        |     |    |                  |
| S63 | 7 | S62 and shield with layer   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:30 |
| S64 | 2 | "20040017162" and photo   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:38 |
| S65 | 2 | "20040017162" and light   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:38 |
| S66 | 0 | "20010055008" and opaque  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:43 |
| S67 | 1 | "20010055008" and shield  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:43 |
| S68 | 1 | "20010055008" and shield with side  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:43 |
| S69 | 1 | "20010055008" and transparent conductive  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/28 14:50 |

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|-----|---|--|------------------------------|-----|----|---------------------|
| S70 | 1 | "20010055008" and shield with (clear or transparent) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/28<br>14:59 |
| S71 | 1 | "6320325".pn. and current                            | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2008/03/28<br>15:11 |

3/ 28/ 2008 5:37:44 PM

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